

CLAIMS

What is claimed:

- 5 1. A system for creating a spectral display, comprising:
 - (a) at least one prismatic element, wherein said prismatic element further comprises:
 - (i) a substantially solid light dispersing medium;
 - (ii) a highly reflective surface attached to said light dispersing medium; and
 - (iii) a window formed in said light dispersing medium at a predetermined
 - 10 angle relative to said reflective surface, and wherein said angle of said reflective surface relative to said window is fixed; and
 - (b) at least one source of light, wherein said light is within the visible spectrum.
2. The system of claim 1, further comprising multiple prismatic elements attached to one
- 15 another, and wherein said reflective surfaces are substantially parallel to one another.
3. The system of claim 1, further comprising an array of said prismatic elements, and wherein said prismatic elements in said array are arranged in a semi-arc relative to one another, and wherein said array can be selectively positioned relative to said source of light.
- 20 4. The system of claim 3, further comprising a supportive frame for containing said array.
5. The system of claim 1, wherein said prismatic element is fabricated from a plate glass mirror.
- 25 6. The system of claim 1, wherein said prismatic element is substantially triangular in shape when viewed from the side.
7. The system of claim 6, wherein said triangle is a 30-60-90° triangle.
- 30 8. The system of claim 1, wherein said light dispersing medium further comprises plastic, polymer, glass, quartz or combinations thereof.
9. The system of claim 1, wherein said window further comprises a highly polished surface.
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10. The system of claim 1, wherein said at least one source of light an artificial light source, the sun, or combinations thereof.

11. A system for creating a spectral display, comprising:

- (a) at least one source of light, wherein said light is within the visible spectrum; and
- (b) at least one prismatic element, wherein said prismatic element further comprises:
 - (i) a fluid light dispersing medium; and
 - (ii) a highly reflective surface placed within said light dispersing medium, and wherein the angle of said reflective surface is adjustable relative to said source of light.

12. The system of claim 11, further comprising an array of said prismatic elements, and wherein said prismatic elements in said array are arranged in a semi-arc relative to one another, and wherein said array can be selectively positioned relative to said source of light.

13. The system of claim 11, further comprising at least two adjustable reflective surfaces placed within said light dispersing medium, and wherein said at least two adjustable reflective surfaces are substantially parallel to one another within said light dispersing medium.

14. The system of claim 11, further comprising a supportive frame for containing said array and said fluid light dispersing medium.

15. The system of claim 11, further comprising at least one target surface for said spectral display.

16. The system of claim 11, wherein said at least one source of light an artificial light source, the sun, or combinations thereof.

17. The system of claim 11, wherein said fluid light dispersing medium further comprises water.

18. The system of claim 11, wherein said reflective surface further comprises a plate glass mirror.

19. The system of claim 11, wherein said fluid light dispersing medium further comprises a preservative to prevent the growth of microorganisms in said fluid.

20. The system of claim 11, wherein said fluid light dispersing medium further comprises
5 substantially clear antifreeze for reducing any tendency of said fluid to freeze.